Claims

1   1.   A computer-implemented method for annotating a system having a display for

2   displaying a page having objects, said objects stored in a non-modifiable portion of a file,

3   comprising the steps of:

4   receiving a designation of an object of said objects on the displayed page;

5   receiving an annotation;

6   determining a position of the object in the non-modifiable portion of the file;

7   storing the position and the annotation separately from the non-modifiable portion of the

8   file.

1   2.   The computer-implemented method according to claim 1, wherein the designation

2   of the object is received through interaction with a stylus.

1   3.   The computer-implemented method according to claim 1, wherein the designation

2   of the object is received through interaction with a mouse.

1   4.   The computer-implemented method according to claim 1, wherein the annotation

2   is a highlight.

1   5.   The computer-implemented method according to claim 1, wherein the annotation

2   is a bookmark.

1   6.   The computer-implemented method according to claim 1, wherein the annotation

2   is a drawing.

1   7.   The computer-implemented method according to claim 1, wherein the annotation

2   is a text annotation.

1   8.   The computer-implemented method according to claim 1, wherein said

2   determining step comprises the step of:

3   counting the number of bytes from the beginning of the non-modifiable portion of the file

4   to the selected object.

1   9.   The computer-implemented method according to claim 1, wherein said

2   determining step comprises the steps of:

3   counting the number of bytes from the beginning of the non-modifiable portion of the file

4   to a first object on the displayed page object;

5   counting the number of bytes from the first object on the displayed page to the selected

6   object;

7   adding the number obtained from said first counting step to the number obtained from

8   said second counting step to determine the file position of the object in said file.

1   10.   The computer-implemented method according to claim 1, wherein said annotation

2   is an annotation of said object.

1   11.   A computer-readable medium having a program stored thereon, said program

2   used in conjunction with a system having a display for displaying a page having objects, said

3   objects stored in a non-modifiable portion of a file, said program comprising the steps of:

4   receiving a designation of an object of said objects on the displayed page;

5   receiving an annotation;

6   determining a position of the object in the non-modifiable portion of the file;

7   storing the position and the annotation separately from the non-modifiable portion of the

8   file.

1   12.   The computer-readable medium according to claim 11, wherein the designation of

2   the object is received through interaction with a stylus.

1   13.   The computer-readable medium according to claim 11, wherein the designation of

2   the object is received through interaction with a mouse.

1   14.   The computer-readable medium according to claim 11, wherein the annotation is

2   a highlight.

1   15.   The computer-readable medium according to claim 11, wherein the annotation is

2   a bookmark.

1   16.   The computer-readable medium according to claim 11, wherein the annotation is

2   a drawing.

1   17.   The computer-readable medium according to claim 11, wherein the annotation is

2   a text annotation.

1   18.   The computer-readable medium according to claim 11, wherein said determining

2   step comprises the step of:

3   counting the number of bytes from the beginning of the non-modifiable portion of the file

4   to the selected object.

1   19.   The computer-readable medium according to claim 11, wherein said determining

2   step comprises the steps of:

3   counting the number of bytes from the beginning of the non-modifiable portion of the file

4   to a first object on the displayed page object;

5   counting the number of bytes from the first object on the displayed page to the selected

6   object;

7   adding the number obtained from said first counting step to the number obtained from

8   said second counting step to determine the file position of the object in said file.

1   20.   The computer-readable medium according to claim 11, wherein the annotation is

2   an annotation of the object.

1   21.   A computer-readable medium having stored thereon data structures comprising:

2   a first data structure having non-modifiable content;

3   a second data structure having modifiable content, said second data structure including at

4   least a third data structure having a file position indicator that references a file position in said

5   first data structure and a fourth data structure including an annotation.

1   22.   The computer-readable medium according to claim 21, wherein the annotation is

2   relevant to the object at said file position.

1   23.   A computer-readable medium having stored thereon data structures comprising:

2   a first data structure having a non-modifiable content portion and modifiable content

3   portion, said modifiable content portion including at least a second data structure having a file

4   position indicator that references a file position in said non-modifiable content portion and a

5   third data structure including an annotation.

1   24.   The computer-readable medium according to claim 23, wherein the annotation is

2   relevant to the object at said file position